WHAT IS CLAIMED IS:

1.   An information processing system comprising:

acquisition means for acquiring a first service
object from a first service providing device and a
second service object from a second service providing
device via a network in a user device;

setting means for setting user information in the
second service object acquired by said acquisition means
in the user device, and causing the second service
object to hold the user information;

transfer means for transferring the second service
object which holds the user information to the first
service providing device; and

service use means for providing a service of the
second service providing device to the first service
providing device by causing the second service object
transferred to the first service providing device to use
the user information.

2.   The system according to claim 1, wherein the user
information registered in the second service object
transferred by said transfer means cannot be referred to
by the first service providing device.

3.   The system according to claim 1, wherein said
acquisition means comprises at least one server arranged
on the network to register service objects provided by a
plurality of service providing devices, and searches for
and acquires a desired service object from the server.

4.   The system according to claim 1, wherein

the system further comprises ID acquisition means

for acquiring a session ID in the user device by

communicating with the second service providing device

5   via the second service object acquired by said

acquisition means,

said transfer means transfers to the first service

providing device the session ID and the second service

object which holds the user information, and

10   said service use means provides the service of the

second service providing device to the first service

providing device by causing the second service object

transferred to the first service providing device to use

the user information.

15 5.   The system according to claim 1, wherein the

second service object encrypts and holds the set user

information.

6.   An information processing apparatus comprising:

acquisition means for acquiring via a network a

20   first service object from a first service providing

device and a second service object from a second service

providing device;

setting means for setting and holding user

information in the second service object acquired by

25   said acquisition means; and

transfer means for transferring the second service

object which holds the user information to the first

service providing device.

7.   The apparatus according to claim 6, wherein said acquisition means acquires the first service object from the first service providing device via the network, and when the first service object requires a service of the second service providing device, acquires the second service object from the second service providing device.

8.   The apparatus according to claim 6, further comprising service use means for receiving a service of the first service providing device via the first service object.

9.   The apparatus according to claim 6, wherein said acquisition means accesses a server arranged on the network to register service objects provided by a plurality of service providing devices, and searches for and acquires a desired service object from the server.

10.   The apparatus according to claim 6, wherein

the system further comprises

communication means for communicating with the second service providing device via the second service object acquired by said acquisition means, and

ID acquisition means for acquiring via said communication means an ID for performing a session with the second service providing device, and

said transfer means transfers to the first service providing device the ID and the second service object which holds the user information.

11.   An information processing apparatus comprising:

service providing means for providing a
predetermined service to a user device on a network via
a service object;

5   reception means for receiving a service object of
another service providing device from the user device,
the serving object of said another service providing
device containing information about a user; and

use means for using a service of said another
10   service providing device by using the service object
received by said reception means and the information
about the user that is contained in the service object.

12.   The apparatus according to claim 11, wherein

the apparatus further comprises means for
15   receiving a session ID acquired by the user device from
said another service providing device, and

said use means uses the service of said another
service providing device by using the service object
received by said reception means, the information about
20   the user that is contained in the service object, and
the received session ID.

13.   An information processing apparatus comprising:

reception means for receiving a service request;
and

25   transmission means for transmitting a proxy object
for performing a service to a request source of the
request in accordance with the service request received

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by said reception means,

wherein the proxy object has holding means for holding set information.

14.   The apparatus according to claim 13, wherein the holding means encrypts and holds the set information.

15. A method of controlling an information processing system, comprising:

the acquisition step of acquiring a first service object from a first service providing device and a second service object from a second service providing device via a network in a user device;

the setting step of setting user information in the second service object acquired in the acquisition step in the user device, and causing the second service object to hold the user information;

the transfer step of transferring the second service object which holds the user information to the first service providing device; and

the service use step of providing a service of the second service providing device to the first service providing device by causing the second service object transferred to the first service providing device to use the user information.

16.   The method according to claim 15, wherein the user information registered in the second service object transferred in the transfer step cannot be referred by the first service providing device.

17.   The method according to claim 15, wherein in the
acquisition step, a desired service object is searched
for and acquired from a server arranged on the network
to register service objects provided by a plurality of
5   service providing devices.

18.   The method according to claim 15, wherein

the method further comprises the ID acquisition
step of acquiring a session ID in the user device by
communicating with the second service providing device
10   via the second service object acquired in the
acquisition step,

in the transfer step, the session ID and the
second service object which holds the user information
are transferred to the first service providing device,
15   and

in the service use step, the service of the second
service providing device is provided to the first
service providing device by causing the second service
object transferred to the first service providing device
20   to use the user information and the session ID.

19.   The method according to claim 15, wherein the
second service object encrypts and holds the set user
information.

20.   An information processing method comprising:
25   the acquisition step of acquiring via a network a
first service object from a first service providing
device and a second service object from a second service

providing device;

the setting step of setting and holding user information in the second service object acquired in the acquisition step; and

5   the transfer step of transferring the second service object which holds the user information to the first service providing device.

21.   The method according to claim 20, wherein in the acquisition step, the first service object is acquired

10   from the first service providing device via the network, and when the first service object requires a service of the second service providing device, the second service object is acquired from the second service providing device.

15   22.   The method according to claim 20, further comprising the service use step of receiving a service of the first service providing device via the first service object.

23.   The method according to claim 20, wherein in the

20   acquisition step, a server arranged on the network to register service objects provided by a plurality of service providing devices is accessed to search for and acquire a desired service object from the server.

24.   The method according to claim 20, wherein

25   the method further comprises

the communication step of communicating with the second service providing device via the second service

object acquired in the acquisition step, and

the ID acquisition step of acquiring via the communication step an ID for performing a session with the second service providing device, and

5   in the transfer step, the ID and the second service object which holds the user information are transferred to the first service providing device.

25.   An information processing method comprising:

the service providing step of providing a

10   predetermined service to a user device on a network via a service object;

the reception step of receiving a service object of another service providing device from the user device, the serving object of said another service providing

15   device containing information about a user; and

the use step of using a service of said another service providing device by using the service object received in the reception step and the information about the user that is contained in the service object.

20   26.   The method according to claim 25, wherein

the method further comprises the step of receiving a session ID acquired by the user device from said another service providing device, and

in the use step, the service of said another

25   service providing device is used by using the service object received in the reception step, the information about the user that is contained in the service object,

and the received session ID.

27.   An information processing method comprising:

the reception step of receiving a service request; and

5   the transmission step of transmitting a proxy object for performing a service to a request source of the request in accordance with the service request received in the reception step,

wherein the proxy object has the holding step of

10   holding set information.

28.   The method according to claim 27, wherein in the holding step, the set information is encrypted and held.

29.   A computer-readable memory which stores a control program executable by a computer, wherein the computer

15   executes the control program to realize information processing comprising:

the acquisition step of acquiring a first service object from a first service providing device and a second service object from a second service providing

20   device via a network;

the setting step of setting and holding user information in the second service object acquired in the acquisition step; and

the transfer step of transferring the second

25   service object which holds the user information to the first service providing device.

30.   A computer-readable memory which stores a control

program executable by a computer, wherein the computer

executes the control program to realize information

processing comprising:

the service providing step of providing a

5   predetermined service to a user device on a network via

a service object;

the reception step of receiving a service object

of another service providing device from the user device,

the serving object of said another service providing

10   device containing information about a user; and

the use step of using a service of said another

service providing device by using the service object

received in the reception step and the information about

the user that is contained in the service object.